

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

RECEIVED
CENTRAL FAX CENTER

MAY 11 2006

550 West C Street
 Suite 1200
 San Diego CA 92101
 Tel 619-235-8550
 Fax 619-235-0176
www.kmob.com

USPTO FACSIMILE TRANSMITTAL SHEET
Page 1 of 2

Docket No.: DEXCOM.011A

CUSTOMER NO. 20995

Applicant : Brauker, et al.
 App. No. : 10/646,333
 Filed : August 22, 2003
 For : OPTIMIZED SENSOR GEOMETRY FOR
 AN IMPLANTABLE GLUCOSE SENSOR
 Examiner : Winakur, Eric Frank
 Group Art Unit : 3736

CERTIFICATE OF FAX
TRANSMISSION

I hereby certify that this correspondence
 and all marked attachments are being
 transmitted via facsimile to the USPTO
 Central Fax No. (571) 273-8300 on the
 date shown below:

May 11, 2006

Rose M. Thiessen, Reg. No. 40,202

Transmitted herewith for filing and consideration in the above-referenced application are the following items:

(X) Amendment/Response in 18 pages.

FILING FEES:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Excess Claims	162 - 162 = 0	2202 (\$25)	0 x 25 =	\$0
Excess Independent	8 - 8 = 0	2201 (\$100)	0 x 100 =	\$0
Multiple Claim	1.16(j)	2203 (\$180)		\$0
			TOTAL FEE DUE	\$0

(X) Total pages in transmission: 20

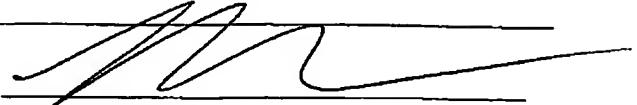
The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

Orange County
949-760-0404San Francisco
415-954-4114Los Angeles
310-551-3450Riverside
951-781-9231San Luis Obispo
805-547-5580

Knobbe Martens Olson & Bear LLP

Application No.: 10/646,333
Filing Date: August 22, 2003

CUSTOMER NO. 20995



Rose M. Thiessen
Registration No. 40,202
Attorney of Record
Customer No. 20,995
(619) 235-8550

2594508
051106

RECEIVED
CENTRAL FAX CENTER

MAY 11 2006

DEXCOM.011A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

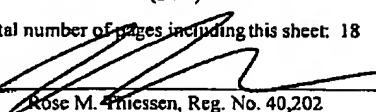
Applicant : Brauker et al.
 Appl. No. : 10/646,333
 Filed : August 22, 2003
 For : OPTIMIZED SENSOR
 GEOMETRY FOR AN
 IMPLANTABLE GLUCOSE
 SENSOR
 Examiner : Eric Frank Winakur
 Group Art Unit : 3735

CERTIFICATE OF FAX TRANSMISSION
PTO CENTRALIZED FAX

I hereby certify that this correspondence and all marked attachments, are being transmitted via facsimile to the USPTO centralized Fax No. (571) 273-8300 on the date shown below:

May 11, 2006
(Date)

Total number of pages including this sheet: 18



Rose M. Thieszen, Reg. No. 40,202

AMENDMENT AFTER FINAL

Mail Stop AF
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action Made Final mailed February 24, 2006, Applicants respectfully request that the Examiner enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 16 of this paper.